

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A method of facilitating testing of an object-oriented application component, said method comprising:

providing a client side application portion for presenting a view to a user of a Web browser, said view allowing user interactions with said view, where some of said interactions specify given tests to perform on said component; and

executing a server side application portion for receiving indications of said user interactions with said client side application portion and, responsive to said indications, performing said given tests on said component.

2. The method of claim 1 wherein said object-oriented application component is an Enterprise JavaBean.

3. The method of claim 2 where a runtime execution environment in which said given tests on said Enterprise JavaBean are performed is the same runtime execution environment in which said server side application portion is executed.

4. A test client application for object-oriented application components comprising:

a client side application portion for presenting a view to a user of a Web browser, said view allowing user interactions with said view, where some of said interactions specify given tests to perform on an object-oriented application component; and

8 a server side application portion for receiving indications of said user interactions
9 with said client side application portion and, responsive to said indications,
10 performing said given tests on said component.

1 5. The test client application of claim 4 wherein said object-oriented application
2 component is an Enterprise JavaBean.

1 6. The test client application of claim 4 wherein said client side application is described
2 using Hyper-Text Markup Language. and JavaScript.

1 7. The test client application of claim 6 wherein said client side application is further
2 described using JavaScript.

1 8. The test client application of claim 4 wherein said server side application is
2 implemented as JavaServer Pages.

1 9. At an application server, a method of facilitating testing of an Enterprise JavaBean,
2 said method comprising:

3 providing a test client user interface to a workstation over an HTTP link, where
4 said test client user interface is viewed through the use of a Web browser run on said
5 workstation;

6 receiving a selection from said workstation, said selection identifying a given
7 object, where said given object is a home interface or a remote interface of said
8 Enterprise JavaBean;

9 receiving a request from said workstation, where said request is a consequence
10 of user interaction with said test client user interface and includes an indication of a test
11 to perform on said given object;

12 responsive to said request, performing said test on said given object to give a
13 result; and

14 sending a response to said workstation over said HTTP link, said response
15 including an indication of said result to be displayed by said user interface.

1 10. The method of claim 9 wherein said performing said test on said given object
2 comprises invoking a method of said object.

1 11. The method of claim 9 wherein said test client user interface further provides a view
2 that allows said user of said workstation to browse Enterprise JavaBeans in a given
3 Java Naming and Directory Interface (JNDI) namespace.

1 12. The method of claim 11 wherein said test client user interface further provides a
2 view that allows said user of said workstation to specify a particular JNDI server on
3 which to allow said user to browse.

1 13. The method of claim 9 wherein said test client user interface further provides a view
2 that allows said user of said workstation to specify a given Enterprise JavaBean.

1 14. The method of claim 13 wherein said test client user interface further provides a
2 view that allows said user of said workstation to review home interface objects of said
3 given Enterprise JavaBean.

1 15. The method of claim 14 where said Enterprise JavaBeans may inherit objects from
2 a set of hierarchically higher Enterprise JavaBeans and wherein said test client user
3 interface further provides a view that allows said user of said workstation to specify a
4 sub-set of said set of hierarchically higher Enterprise JavaBeans from which to display
5 methods in said view that allows said user of said workstation to review said objects.

1 16. A computer readable medium containing computer-executable instructions which,
2 when performed by a processor in an application server, cause the processor to:

3 provide a test client user interface to a workstation over an HTTP link, where said
4 test client user interface is viewed through the use of a Web browser run on said
5 workstation;

6 receive a selection from said workstation, said selection identifying a given object,
7 where said given object is a home interface or a remote interface of said Enterprise
8 JavaBean;

9 receive a request from said workstation, where said request is a consequence
10 of user interaction with said test client user interface and includes an indication
11 of a test to perform on said given object;

12 perform said test on said given object to give a result, responsive to said request;
13 and

14 send a response to said workstation over said HTTP link, said response including
15 an indication of said result to be displayed by said user interface.

1 17. A Web module containing a test client for Enterprise JavaBeans, said test client
2 operable to:

3 present a user interface over a data link, where said user interface may be
4 displayed through the use of a browser application on a remote workstation, said
5 user interface allowing a user at said remote workstation to:

6 select a given object;

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select a given method of said given object;

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supply said given method with a parameter;

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request that said given method be invoked with said parameter;

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responsive to receiving said request, invoke said method with said parameter to
give a result; and

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present a further user interface to present said result to said user.

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18. A computer readable medium containing computer-executable instructions which,
when performed by a processor in an application server, cause the processor to:

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present a user interface over a data link, said user interface allowing a user to:

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browse a Java Naming and Directory Interface namespace;

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select a given object in said Java Naming and Directory Interface
namespace; and

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receive information regarding said given object.

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19. The computer readable medium of claim 18, said user interface further allowing a
user to test said given object.

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